breez Elite

MODEL ELT80-110D

(Fan with Dual Speed 80/110 CFM)

Full Speed 6” duct:
80 CFM/0.5 Sones @ 0.1” SP, 7 Watts
59 CFM/0.9 Sones @ 0.25” SP, 9 Watts

Full Speed 4” duct:
80 CFM/0.8 Sones @ 0.1” SP, 8 Watts
63 CFM/1.3 Sones @ 0.25” SP, 9.5 Watts

Full Speed 6” duct:
110 CFM/0.7 Sones @ 0.1” SP, 10.3 Watts
90 CFM/1.0 Sones @ 0.25” SP, 13 Watts

Full Speed 4” duct:
110 CFM/1.2 Sones @ 0.1” SP, 12.5 Watts
92 CFM/2.0 Sones @ 0.25” SP, 14 Watts

Description

Low noise ceiling mount ventilating fan rated for continuous running. Fan has been awarded ENERGY STAR® Most Efficient. It is HVI, UL, and cUL certified to comply with ASHRAE 62.2 local and whole building continuous and intermittent operation. Meets CA Title 24 requirements.

DC Motor/Blower

- Power rating of 120 volts/60Hz
- Motor equipped with thermal cutoff fuse
- Removable with permanently lubricated plug-in motor
- Full speed adjustable, 80 or 110 CFM
- Allows fan to operate in full speed mode or continuous low speed mode by manual switch
- For continuous low speed mode, the fan runs continuously at a user-preset lower level (0, 50, 80 CFM)
- Delay time preset positions (0.5, 5, 15, 30, 45, or 60 min)
- Full speed adjustable, 80 or 110 CFM
- Built-in soft start function increases bearing life
- Automatically powers OFF if impeller is locked abnormally

Housing

- Galvanized steel body
- Detachable 6” diameter metal duct adapter
- Includes 6” to 4” duct reducer
- Built-in backdraft damper
- Easy installation with expandable extension bracket and foldable mounting bracket

Grille

- Attractive design using ABS material
- Attaches directly to housing with torsion springs

LED Indicator

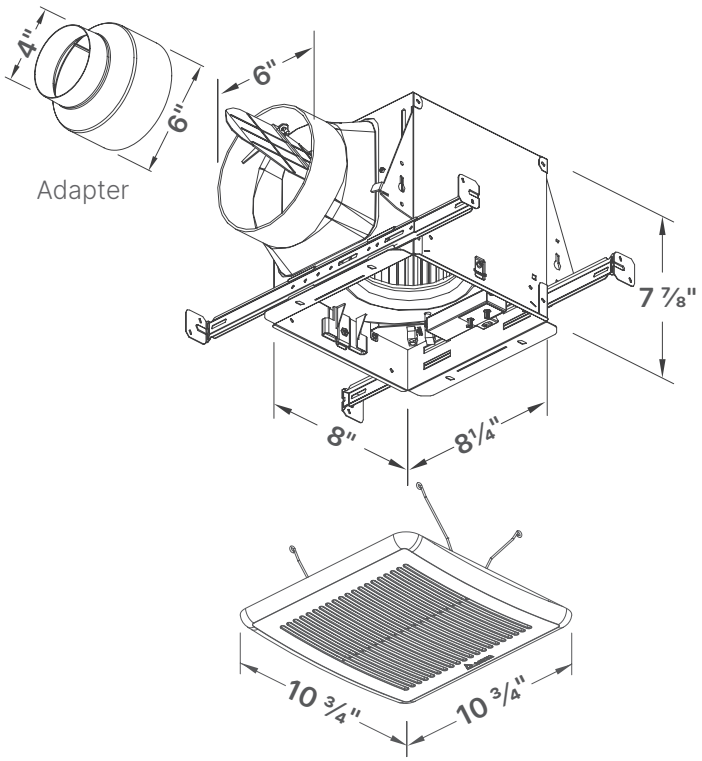
- Green and amber LED indicator lights show continuous low speed and full speed modes on

Warranty

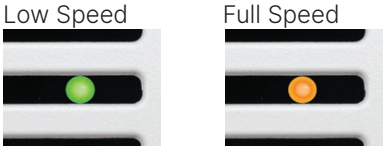
- 3-Year limited warranty

TYPICAL SPECIFICATION

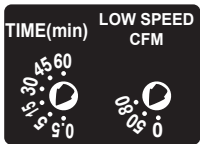
The ventilation fan ELT80-110D features a Brushless DC Motor engineered to run continuously for a minimum of 70,000 hours. With a standard 6” duct, it boasts an airflow rating of 110 CFM and a sound rating of 0.7 Sones at 0.1” static pressure, certified by the Home Ventilating Institute (HVI). The fan operates with a power consumption of 10.3 Watts and achieves an efficiency rating of 10.6 CFM/Watt at 0.1” static pressure. Additionally, it includes motor lock protection and self-compensating motor speed to maintain intended airflow when encountering static pressure. The ELT80-110D is UL and cUL listed for use in tub/shower enclosures when connected to GFCI-protected branch circuit wiring.



LED Indicator

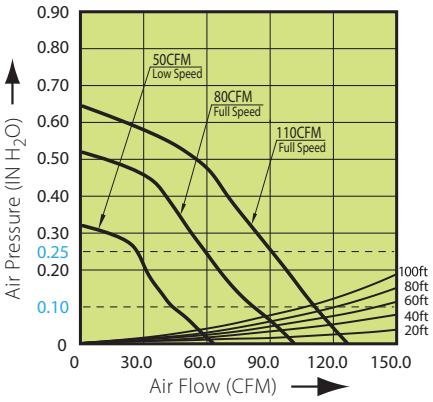


Built-in Control



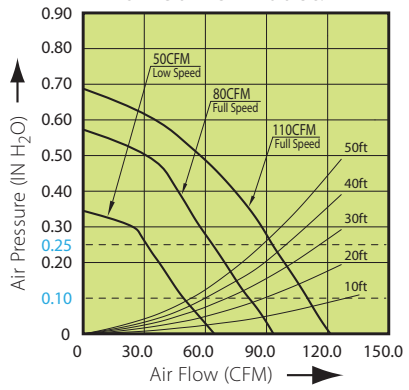
BreezElite ELT80-110D	6" Duct Standard							
Fan Speed	Continuous Low Speed				Full Speed			
Static Pressure (Inches w.g.)	0.1	0.25	0.1	0.25	**0.1**	**0.25**	**0.1**	**0.25**
Air Flow (CFM)	50	32	80	59	80	59	110	90
Sones	<0.3	0.8	0.5	0.9	0.5	0.9	0.7	1.0
Power (Watts)	5	6	7	9	7	9	10.3	13
Energy Efficiency (CFM/Watts)	10	5.3	11.4	6.5	11.4	6.5	10.6	6.9
Current (Amps)	0.27 Max.							
Power Rating (V/Hz)	120 / 60							

Fan Curve 6" duct:



BreezElite ELT80-110D	4" Duct Standard							
Fan Speed	Continuous Low Speed				Full Speed			
Static Pressure (Inches w.g.)	0.1	0.25	0.1	0.25	**0.1**	**0.25**	**0.1**	**0.25**
Air Flow (CFM)	50	32	80	63	80	63	110	92
Sones	0.5	1.0	0.8	1.3	0.8	1.3	1.2	2.0
Power (Watts)	5	6	8	9.5	8	9.5	12.5	14
Energy Efficiency (CFM/Watts)	10	5.3	10	6.6	10	6.6	8.8	6.5
Current (Amps)	0.27 Max.							
Power Rating (V/Hz)	120 / 60							

Fan Curve 4" duct:



Models	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitteded by:
			Date: